

POST /StockQuote HTTP/1.1
Host: www.stockquoteserver.com
Content-Type: text/xml; charset="utf-8"
Content-Length: nnnn
SOAPAction: "http://example.org/2001/06/quotes"

```
<env:Envelope xmlns:env="http://www.w3.org/2001/06/soap-envelope" >
<env:Body>
<m:GetLastTradePrice
    env:encodingStyle="http://www.w3.org/2001/06/soap-encoding"
    xmlns:m="http://example.org/2001/06/quotes">
<symbol>IBM</symbol>
</m:GetLastTradePrice>
</env:Body>
</env:Envelope>
```

FIG. 1 PRIOR ART

<Method> <request-URI> <HTTP-version>
Header field 1
...
Header field n
(blank line)
Message body

```
<SOAP:Envelope>
  <SOAP:Header>
    Header field 1
    ...
    Header field n
  </SOAP:Header>
  <SOAP:Body>
    Body field 1
    ...
    Body field n
  </SOAP:Body>
</SOAP:Envelope>
```

FIG. 2 PRIOR ART

FIG. 3
PRIOR ART

```
<Method> <request-URI> <HTTP-version>
Header field 1
...
Header field n
(blank line)
<SOAP:Envelope>
  <SOAP:Header>
    Header field 1
  ...
  Header field n
  </SOAP:Header>
  <SOAP:Body>
    Body field 1
  ...
  Body field n
  </SOAP:Body>
</SOAP:Envelope>
```

FIG. 4 PRIOR ART

```
<?xml version="1.0"?>
<definitions name="StockQuote"
targetNamespace="http://example.com/stockquote.wsdl"
    xmlns:tns="http://example.com/stockquote.wsdl"
    xmlns:xsd1="http://example.com/stockquote.xsd"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns="http://schemas.xmlsoap.org/wsdl/">

<types>
    <schema targetNamespace="http://example.com/stockquote.xsd"
        xmlns="http://www.w3.org/2000/10/XMLSchema">
        <element name="TradePriceRequest">
            <complexType>
                <all>
                    <element name="tickerSymbol" type="string"/>
                </all>
            </complexType>
        </element>
        <element name="TradePrice">
            <complexType>
                <all>
                    <element name="price" type="float"/>
                </all>
            </complexType>
        </element>
    </schema>
</types>

<message name="GetLastTradePriceInput">
    <part name="body" element="xsd1:TradePriceRequest"/>
</message>
```

FIG. 5A PRIOR ART

```
<message name="GetLastTradePriceOutput">
    <part name="body" element="xsd1:TradePrice"/>
</message>

<portType name="StockQuotePortType">
    <operation name="GetLastTradePrice">
        <input message="tns:GetLastTradePriceInput"/>
        <output message="tns:GetLastTradePriceOutput"/>
    </operation>
</portType>

<binding name="StockQuoteSoapBinding" type=
    "tns:StockQuotePortType">
    <soap:binding style="document" transport=
        "http://schemas.xmlsoap.org/soap/http"/>
    <operation name="GetLastTradePrice">
        <soap:operation soapAction=
            "http://example.com/GetLastTradePrice"/>
        <input>
            <soap:body use="literal"/>
        </input>
        <output>
            <soap:body use="literal"/>
        </output>
    </operation>
</binding>

<service name="StockQuoteService">
    <documentation>My first service</documentation>
    <port name="StockQuotePort" binding="tns:StockQuoteBinding">
        <soap:address location=
            "http://www.stockquoteserver.com/StockQuote"/>
    </port>
</service>

</definitions>
```

FIG. 5B PRIOR ART

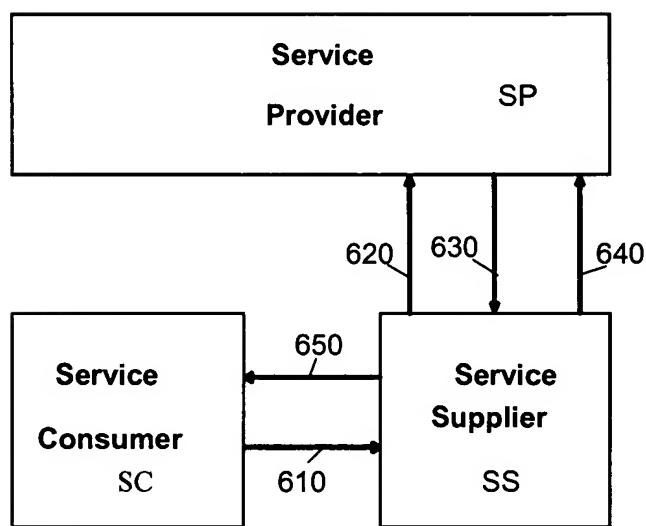


FIG. 6

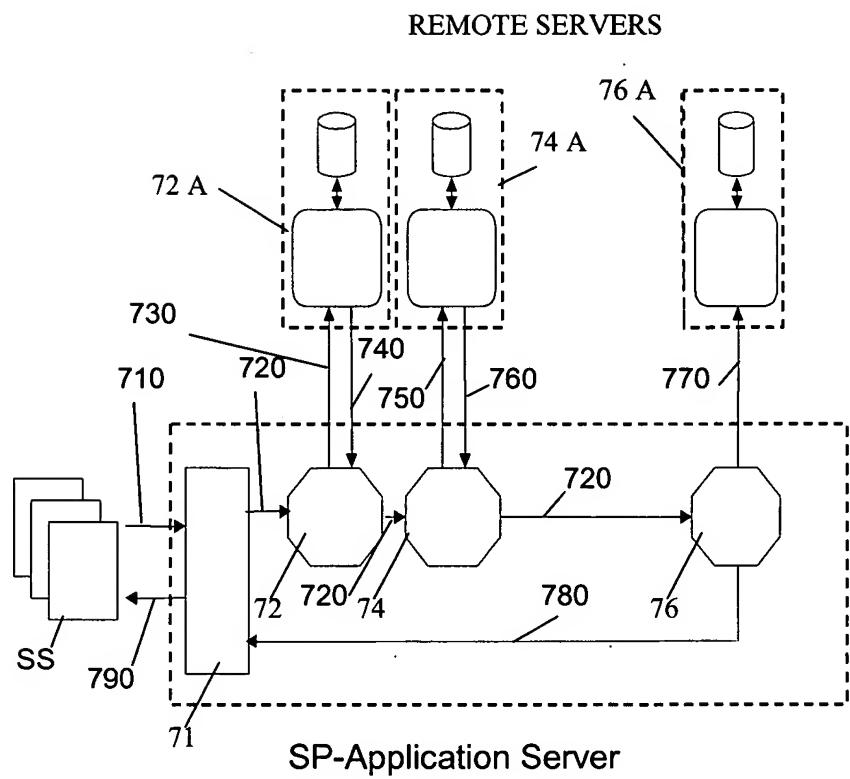


FIG. 7

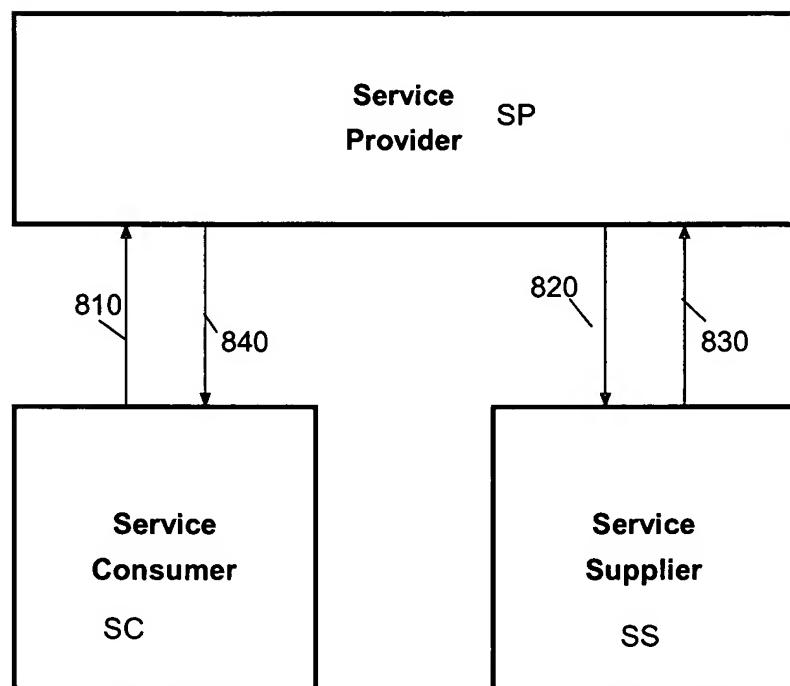


FIG. 8

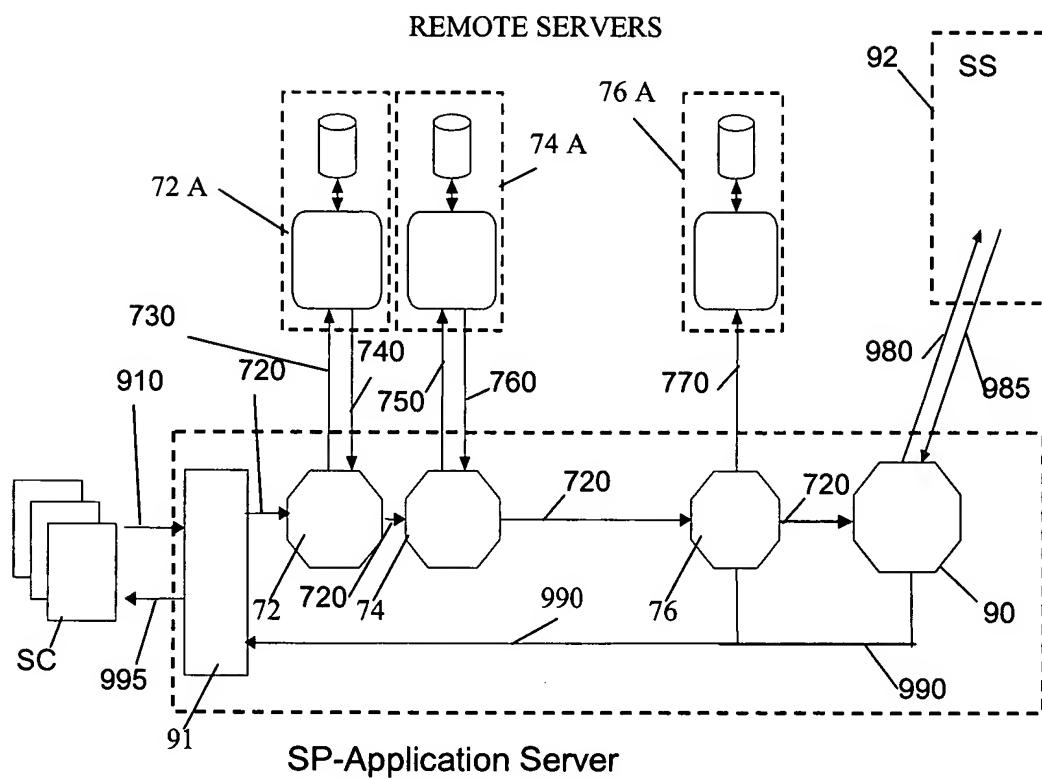


FIG. 9

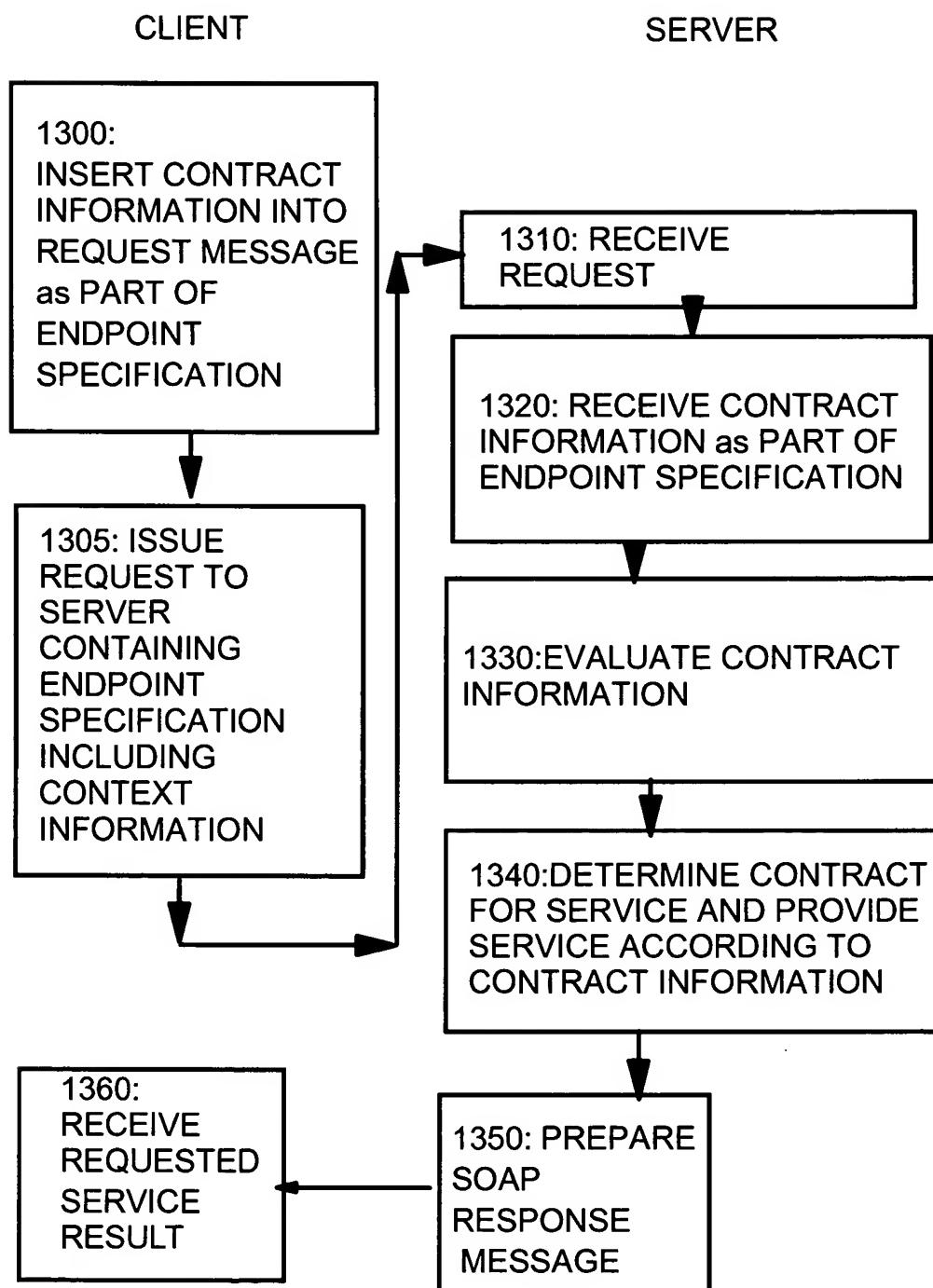


FIG. 10